

**QUALITY ASSURANCE REVIEW FORM FOR EXTRAMURAL PROJECTS
(CONTRACT WAs, DOs, and TOs)**

PART 1 – CONTRACT INFORMATION

I. Contract #	EP-C-17-041	WA/DO/TO #:1-52	Contractor Name: ERG
Descriptive Title: Follow-up work for SWMM-EPANET-UI Graphical User Interface and EPA National Stormwater Calculator Mobile App			
Original WA/DO/TO:	<input checked="" type="checkbox"/>	WA/DO/TO Amendment:	Carryover WA/DO/TO: WA/DO/TO Duration: 1 year

PART 2 – QUALITY ASSURANCE

II. This WA/DO/TO requires environmental measurements: <i>(For each parameter measured summarize the QA/QC requirements in the WA/DO/TO.)</i> <input type="checkbox"/> YES % of effort: _____ <input checked="" type="checkbox"/> NO	Note: All work funded by EPA that involves the acquisition of environmental data generated from direct measurement activities, collected from other sources, or compiled from computerized data bases and information systems shall be implemented in accordance with an approved QA Project Plan.
III. This WA/DO/TO requires use of data from other sources: <input type="checkbox"/> YES % of effort: _____ <input checked="" type="checkbox"/> NO	
IV. This WA/DO/TO requires use of models and/or databases: <input checked="" type="checkbox"/> YES 100 % of effort: _____ <input type="checkbox"/> NO	
<i>If any are yes, complete sections V and VI, otherwise skip to Part 3 and Part 4.</i>	

V. Quality Assurance Requirements (Projects involving environmental measurements, use of secondary data, or models/data bases): *Check all that apply. Add requirements as needed.*

NOTE: Contractor does not receive this form– all QA requirements **MUST** be written into the WA/DO/TO.

A.	Approved contract/ generic QAPP is applicable. <i>(Attach copy. Also check additional needs below.)</i>	Y
B.	A complete written QA project plan is required as a part of the WA/DO/TO. <i>(Note: if Sec. II, III, or IV are yes, Sec. V.A is not applicable and this is an original WA, check this box.)</i>	N
C.	The QAPP for the original WA/DO/TO applies. <i>(For carry over WA/DO/TOs and some WA/DO/TO amendments only).</i>	Y
D.	Additional written QAPP descriptive elements required as a part of the WA/DO/TO. <i>(If: (1) contract/generic QAPP is not sufficient to address all of the WA/DO/TOs QA/QC requirements, or (2) original WA/DO/TO QAPP is not sufficient to address all of the amendment QA/QC requirements.)</i>	N
E.	An on-site evaluation of the offeror's facilities will be made to ensure that a QA system is operational and exhibits the capability for successful completion of this project.	N
F.	Periodic QA audits are required in the WA/DO/TO. <i>(complete Section VI.B and/or VI.C)</i>	N
G.	QA reports are required in the WA/DO/TO. <i>(complete Section VI.A)</i>	N
H.	Other <i>(Specify in the Comments section, below)</i>	

VL QA Documentation:

A.	QA Reports are required <i>(check all that apply)</i> <input checked="" type="checkbox"/> With Progress Reports <input type="checkbox"/> Annually	<input checked="" type="checkbox"/> With Final Report <input type="checkbox"/> Other - Monthly
B.	QA Performance Audits are required <i>(check all that apply)</i> <input type="checkbox"/> Before WP Approval (or equivalent) <input type="checkbox"/> During the WA/DO/TO	If required during WA/DO/TO, specify frequency during WA/DO/TO:
C.	QA System Audits are required <i>(check all that apply)</i> <input type="checkbox"/> Before WP Approval (or equivalent) <input type="checkbox"/> During the WA/DO/TO	If required during WA/DO/TO, specify frequency during WA/DO/TO:

PART 3—INFORMATION QUALITY GUIDELINES (PRE-DESSIMATION REVIEW CHECKLIST)

VII. Does this WA/DO/TO involve a product that will be disseminated to the public under EPA's Information Quality Guidelines? (See the Office of Water Information Quality Guidelines: Pre-Dissemination Review Guidance and Checklists)		<input type="checkbox"/> YES	<input checked="" type="checkbox"/> NO
If yes, who will prepare the Information Quality Guidelines (Pre-dissemination Review) Checklist? (If this is the contractor, it must be specified in the WA/DO/TO.)			
The Product will be: <i>(check one)</i>	<input type="checkbox"/> Influential Information	<input type="checkbox"/> Influential Risk Assessment Information	<input checked="" type="checkbox"/> Non-influential Information

PART 4—PEER REVIEW

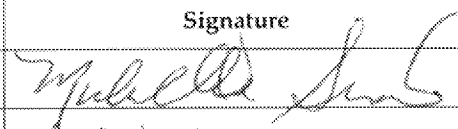
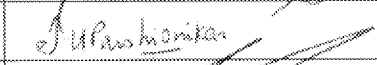
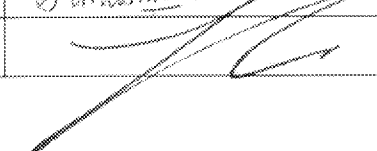
VIII. Does this WA/DO/TO involve a scientific or technical work product?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
If yes, attach a completed Peer Review Checklist for Determining Whether a Work Product Needs Peer Review. (See the Peer Review Handbook.)		

COMMENTS

This work is follow-on work to resolve the open issues SWMM-EPANET Graphical User Interface and to BASINS/HSPF. The contractor will present an itemized broken out cost estimate for the following actions. This work falls under Section 6.0 Implementation Support and 9.0 Information Management under the Performance Work Statement of Contract EPC17041.

There is an existing, approved Quality Assurance Plan.

APPROVALS

Name	Signature	Date
WACOR/DO/TO Manager:		9/24/2018
Division Director		9/24/18
QA Coordinator:		9/24/18